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PATENT

Docket No. GC593
SN 09/435,461FAX COVER SHEET

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ART UNIT 1654

LOCATION: USPTO

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DATE: January 7, 2005

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Re: Serial No. 09/435,461, Attorney Docket No. GC593

Attachments: As noted in a telephone conference on January 4, 2005, attached please find a copy of the proposed amendments to the above-identified patent application. Please note that Victoria L. Boyd will be out of the office today (01/07/05) and will be available on Monday January 10, 2005, to discuss the proposed amendments.

The original of this facsimile will be sent to you via:

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GC593 faxcvf-pto

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Serial No.: 09/435,461

In a telephone call on January 4, 2005, Ex. Meller suggested amending Claim 1 as follows:

1. **(Currently Amended)** A method for modifying the surface of an aromatic polyester resin, film, fiber, yarn or fabric during manufacture comprising treating said polyester resin, film, fiber, yarn or fabric during manufacture with a polyesterase enzyme wherein said polyesterase is derived from *Pseudomonas* spp. the treatment occurring prior to application of a finish and without use in the absence of a surfactant for a time and under conditions sufficient to modify the properties of said polyester, wherein said modified properties of said treated polyester are selected from the group consisting of pilling, pilling prevention, weight, feel, appearance and luster ~~properties of said polyester.~~

Genencor Intl. proposes the following amendments for a follow-up discussion:

12. **(Currently Amended)** A method for modifying the textile characteristics of a polyester article prior to the application of a finish to the article, comprising the steps of:

(a) obtaining a polyesterase enzyme; wherein said polyesterase enzyme wherein said polyesterase is derived from *Pseudomonas* spp.;

(b) contacting said polyesterase enzyme with said polyester article and without the use of a surfactant under conditions and for a time suitable for said polyesterase to produce a modified polyester article; and

(c) producing a modified polyester article.

13. **(Previously Presented)** The method according to claim 1, wherein said polyester fiber, yarn or fabric is subsequently incorporated into a textile.

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14. – 17. Cancelled

18. (Original) The method according to claim 1, wherein said treatment occurs in the presence of polypropylene glycol or glycerol.

19. Cancelled

20. Cancelled

21. (Currently Amended) A method for enzymatically modifying the characteristics of a unsoiled aromatic polyester textile comprising; treating said polyester, prior to the application of a finish and without the use of a surfactant, with a polyesterase enzyme derived from *Pseudomonas* spp., the treatment for a time and under conditions to modify the textile properties of said polyester, wherein said modified textile properties of the treated polyester comprise the pilling, pilling prevention, weight, feel, appearance or luster ~~properties of said polyester~~.

22. (Previously Amended) The method according to claim 21, wherein said polyesterase is derived from *Pseudomonas mendocina*.

23. (Currently Amended) A method for modifying the surface of an aromatic polyester resin, film, fiber, yarn or fabric comprising, (a) contacting said polyester, prior to the application of a finish and without the use of a surfactant, with a polyesterase enzyme derived from *Pseudomonas* spp., the treatment for a time and under conditions to modify the textile properties of said polyester, wherein said modified textile properties of the treated polyester comprise the pilling, pilling prevention, weight, feel, appearance or luster ~~properties of said polyester~~.

24. (Previously Presented) The method according to claim 23, wherein said polyesterase is derived from *Pseudomonas mendocina*.